

```
=> d his
(FILE 'HOME' ENTERED AT 10:45:49 ON 20 FEB 97)
FILE 'USPAT' ENTERED AT 10:45:58 ON 20 FEB 97
L1      3 S OPTICAL SCANNER(P) DUAL APERTURE
FILE 'JPOABS' ENTERED AT 10:50:35 ON 20 FEB 97
L2      0 S OPTICAL SCANNER (P) DUAL APERTURE
L3      2 S OPTICAL SCANNER (P) APERTURES
FILE 'USPAT' ENTERED AT 10:53:08 ON 20 FEB 97
L4      60 S OPTICAL SCANNER(P) APERTURES
L5      3 S L4 AND SCAN PATTERNS
FILE 'JPOABS' ENTERED AT 10:56:14 ON 20 FEB 97
FILE 'USPAT' ENTERED AT 10:56:53 ON 20 FEB 97
L6      13 S L4 AND 235/CLAS
L7      12 S L4 AND 359/CLAS
L8      2 S L6 AND L7
L9      7 S L6 AND LASER
L10     4 S L9 AND VERTICAL AND HORIZONTAL
L11     3 S L7 AND LASER AND VERTICAL AND HORIZONTAL
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=> d 11 1-3
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1. 5,531,293, Jul. 2, 1996, Checkout counter gap filler; Rathindra Nahar, 186/59 [IMAGE AVAILABLE]

2. 5,459,308, Oct. 17, 1995, Dual aperature optical scanner; Paul O. Detwiler, et al., 235/467, 383, 462 [IMAGE AVAILABLE]

3. 5,229,588, Jul. 20, 1993, \*\*Dual\*\* \*\*aperture\*\* \*\*optical\*\* \*\*scanner\*\*;; Paul O. Detwiler, et al., 235/467, 383, 462 [IMAGE AVAILABLE]

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=> d 15 1-3
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1. 5,459,308, Oct. 17, 1995, Dual aperature optical scanner; Paul O. Detwiler, et al., 235/467, 383, 462 [IMAGE AVAILABLE]

2. 5,229,588, Jul. 20, 1993, Dual aperture optical scanner; Paul O. Detwiler, et al., 235/467, 383, 462 [IMAGE AVAILABLE]

3. 3,632,870, Jan. 4, 1972, SCANNER SYSTEM; Harold Bruce Henderson, 348/144, 164; 358/296, 493 [IMAGE AVAILABLE]

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=> d 18 1-2
```

1. 5,331,143, Jul. 19, 1994, Optical scanner using an axicon and an aperture to aspherically form the scanning beam; Emanuel Marom, et al., \*\*235/472\*\*, \*\*462\*\*;; \*\*359/196\*\*, \*\*214\*\* [IMAGE AVAILABLE]

2. 5,274,491, Dec. 28, 1993, Dynamic laser diode aperture for optical scanners; Donald A. Collins, Jr., et al., \*\*359/200\*\*;; \*\*235/455\*\*, \*\*467\*\*;; \*\*359/212\*\*, \*\*220\*\*, \*\*894\*\*, \*\*900\*\* [IMAGE AVAILABLE]

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=> d 110 1-4
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1. 5,459,308, Oct. 17, 1995, Dual aperature optical scanner; Paul O. Detwiler, et al., \*\*235/467\*\*, \*\*383\*\*, \*\*462\*\* [IMAGE AVAILABLE]

2. 5,274,491, Dec. 28, 1993, Dynamic \*\*laser\*\* diode aperture for optical scanners; Donald A. Collins, Jr., et al., 359/200; \*\*235/455\*\*, \*\*467\*\*;; 359/212, 220, 894, 900 [IMAGE AVAILABLE]

3. 5,229,588, Jul. 20, 1993, Dual aperture optical scanner; Paul O.

Detwiler, et al., \*\*235/467\*\*, \*\*383\*\*, \*\*462\*\* [IMAGE AVAILABLE]

4. 5,148,009, Sep. 15, 1992, Bar code scanning apparatus; Joseph M. Lindacher, \*\*235/462\*\*, \*\*470\*\*, \*\*472\*\* [IMAGE AVAILABLE]  
=> d l11 1-3

1. 5,274,491, Dec. 28, 1993, Dynamic \*\*laser\*\* diode aperture for optical scanners; Donald A. Collins, Jr., et al., \*\*359/200\*\*; 235/455, 467; \*\*359/212\*\*, \*\*220\*\*, \*\*894\*\*, \*\*900\*\* [IMAGE AVAILABLE]

2. 4,934,780, Jun. 19, 1990, Constant deviation scanning apparatus; John F. McGrath, Jr., \*\*359/211\*\*, \*\*216\*\* [IMAGE AVAILABLE]

3. 4,793,672, Dec. 27, 1988, Constant deviation scanning apparatus; John F. McGrath, Jr., \*\*359/216\*\*, \*\*211\*\*, \*\*834\*\* [IMAGE AVAILABLE]  
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